

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

IN RE: Rincon Del Diablo Municipal Water District ID-1
1920 North Iris Lane
Escondido, CA 92026

TO: Mr. Clint Baze
Director of Operations

CITATION FOR NONCOMPLIANCE - WATER SYSTEM NO. 3710018
CITATION NO. 05-14-13C-007

Issued on June 26, 2013

Section 116650, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S Code), authorizes the California Department of Public Health, Division of Drinking Water and Environmental Management (CDPH) to issue a citation for failure to comply with the requirements of Chapter 4, the California Safe Drinking Water Act, or any regulation, permit, standard, or order issued or adopted thereunder.

VIOLATION

CDPH has determined that the Rincon Del Diablo Municipal Water District ID-1 (hereinafter Rincon ID-1) has violated provisions contained in the H&S Code and Title 22, California Code of Regulations (CCR). These violations include, but are not limited to, the following:

1. Title 22, CCR, Section 64426.1: Specifically, Rincon ID-1 failed to meet the primary drinking water standard for the Total Coliform Maximum Contaminant Level (MCL) for the month of April 2013. A public water system which collects more than 40 samples per month is in violation of the Total Coliform MCL when more than five percent (5%) of the samples collected during any month is Total Coliform-positive. During the Month of April 2013, 12% of Rincon ID-1's samples were Total Coliform



1 positive.

2 **ENFORCEMENT HISTORY**

3 Rincon ID-1 has no Total Coliform Rule related enforcement history.

4 **BACKGROUND**

5 Rincon ID-1 is a large community water system that supplies water for domestic purposes
6 to approximately 24,545 permanent residents through 6,309 service connections. Rincon
7 ID-1 collects six routine bacteriological samples each week from the distribution system in
8 accordance with an approved Bacteriological Sample Siting Plan, last updated March 20th,
9 2002; enclosed. There is a mixture of dedicated and non-dedicated sample sites in the
10 water distribution system, so sample sites include non-dedicated appurtenances such as
11 faucets and hydrants. This may contribute to a higher chance of positive bacteriological
12 results.

13 Rincon ID-1 distributes a blend of Colorado River and State Water Project water that has
14 been treated at Metropolitan Water Districts Skinner Water Treatment Plant and San
15 Diego County Water Authority's (SDCWA) Twin Oaks Valley Water Treatment Plant. The
16 treated water is delivered from SDCWA through two permanent connections and from
17 Valley Center Municipal Water District through one permanent location.

18 **CHRONOLOGY OF EVENTS**

19 **Wednesday, April 3, 2013:** Rincon ID-1 collected six routine bacteriological samples
20 from the distribution system at Sites 2-1, 3-1, 8-1, 10-1, 12-1 and 18-1. The chlorine
21 residual results for these sites were 1.4, 0.2, 0.1, 2.0, 1.0, and 0.1 mg/L, respectively.

22 **Thursday, April 4, 2013:** The laboratory notified Rincon ID-1 staff that Site 10-1 tested
23 present for Total Coliform, and absent for E-coli bacteria. On this date, Rincon ID-1 staff



1 collected three (3) repeat samples; one from the sample site that had tested present for
2 Total Coliform (10-1), and one upstream (Fire Hydrant at Borden Rd and Rock Springs)
3 and one downstream (17-1) of the sample site. The chlorine residual results for these sites
4 were 1.8, 2.2, and 0.3 mg/L, respectively.

5 **Monday, April 8, 2013:** The laboratory notified Rincon ID-1 staff that repeat samples
6 from sites 10-1, Fire Hydrant at Borden Rd and Rock Springs, and 17-1 had tested Absent
7 for Total Coliform and E-coli bacteria.

8 **Wednesday, April 10, 2013:** Rincon ID-1 collected six routine bacteriological samples
9 from the distribution system at Sites 4-1, 8-1, 11-1, 16-1, 17-1 and 20-1. The chlorine
10 residual results for these sites were 0.4, 0.3, 0.3, 0.3, 0.3, and 1.8 mg/L, respectively.

11 **Thursday, April 11, 2013:** The laboratory notified Rincon ID-1 staff that Site 11-1 tested
12 present for Total Coliform, and absent for E-coli bacteria. On this date, Rincon ID-1 staff
13 collected three (3) repeat samples; one from the sample site that had tested present for
14 Total Coliform (11-1), and one upstream (Fire Hydrant on Rancho Diego Ct) and one
15 downstream (Fire Hydrant on Our Country Rd) of the sample site. The chlorine residual
16 results for these sites were 1.0, 1.0, and 0.5 mg/L, respectively.

17 **Friday, April 12, 2013:** The laboratory notified Rincon ID-1 staff that Site 11-1 tested
18 Absent for Total Coliform, and absent for E-coli bacteria. However, the Fire Hydrant on
19 Rancho Diego Ct and the Fire Hydrant on Our Country Rd were both present for Total
20 Coliform, and absent for E-coli bacteria. On this date, Rincon ID-1 staff collected three (3)
21 repeat samples; one from the sample site that had tested present for Total Coliform (11-
22 1), and one upstream (2-inch Air Vacuum port at Rancho Diego Ct and Hamilton Ln) and
23 one downstream (1-inch Air Vacuum port on Our Country Rd) of the sample site. The
24 chlorine residual results for these sites were 1.5, 1.5, and 1.6 mg/L, respectively. An
25 additional upstream repeat sample for the Fire Hydrant on Rancho Diego Ct positive



1 sample and downstream repeat sample the Fire Hydrant on Our Country Rd positive
2 sample were not taken.

3 **Monday, April 15, 2013:** The laboratory notified Rincon ID-1 staff that repeat samples
4 from sites 11-1, 2-inch Air Vacuum port at Rancho Diego Ct and Hamilton Ln, and 1-inch
5 Air Vacuum port on Our Country Rd had tested Absent for Total Coliform and E-coli
6 bacteria.

7 **Tuesday, April 16, 2013:** Rincon ID-1 collected seven routine bacteriological samples
8 from the distribution system at Sites 3-1, 4-1, 7-1, 10-1, 13-1, 15-1 and Reservoir R-4. The
9 chlorine residual results for these sites were 0.2, 2.3, 2.3, 2.3, 0.2, 2.3, and 0.6 mg/L,
10 respectively.

11 **Thursday, April 18, 2013:** The laboratory notified Rincon ID-1 staff that Site 10-1 tested
12 present for Total Coliform, and absent for E-coli bacteria. On this date, Rincon ID-1 staff
13 collected three (3) repeat samples; one from the sample site that had tested present for
14 Total Coliform (10-1), and one upstream (Fire Hydrant at Borden Rd and Rock Springs)
15 and one downstream (17-1) of the sample site. The chlorine residual results for these sites
16 were 2.3, 2.3, and 0.3 mg/L, respectively.

17 **Tuesday, April 23, 2013:** The laboratory notified Rincon ID-1 staff that repeat samples
18 from sites 10-1, Fire Hydrant at Borden Rd and Rock Springs, and 17-1 had tested Absent
19 for Total Coliform and E-coli bacteria.

20 DIRECTIVES

21 Rincon ID-1 is hereby directed to:

- 22 1. Forthwith, Rincon ID-1 shall cease and desist from failing to comply with the
23 Primary Drinking Water Standard for bacteriological water quality.



1. By June 28, 2013, Rincon ID-1 shall provide public notice of the Total Coliform MCL violation in accordance with CCR, Section 64463.4. Public notice shall be via 1. mail or direct delivery to each customer, and 2. posting notice using one or more of the following methods: posting on the internet and/or local newspaper, posting in conspicuous public spaces served by the water system, and delivery to community organizations. A draft notification shall be submitted to CDPH for review and approval prior to conducting public notification.
2. Within 10 days of conducting public notifications, a copy of the notice and the "Proof of Notification" certification shall be submitted to CDPH using the enclosed form.
3. By July 1, 2014, Rincon ID-1 shall report both violations 1 and 2 listed in the Violations section of this citation in the 2013 Consumer Confidence Report.
4. By August 31, 2013, Rincon ID-1 shall submit a revised Bacteriological Sample Siting Plan that includes:
 - a. A listing of repeat sample sites for all routine bacteriological sample sites.
 - b. Procedural steps to contact CDPH in the event any repeat sample results are positive for coliforms to obtain approval for the location and number of repeat samples to be taken.

All Submittals required by this citation shall be sent to:

Sean Sterchi, P.E.
District Engineer
California Department of Public Health
1350 Front St., Rm. 2050
San Diego, CA 92101

CIVIL PENALTY

1 Sections 116650 (d) and (e) of the Health and Safety Code provides for the assessment of
2 a penalty for failure to comply with the requirements of the California Safe Drinking Water
3 Act. Failure to comply with any provision of this citation may result in CDPH imposing a
4 penalty not to exceed one thousand dollars (\$1,000) per day as of the date of violation of
5 any provision of this citation

6 6/26/13
7 Date

8 Sean Sterchi P.E.
9 San Diego District Engineer
10 Southern California Branch
Drinking Water Field Operations

11 Enclosures: "Proof of Notification" Certification
12 2002 Bacteriological Sample Siting Plan
13 Revised Bacteriological Sample Siting Plan Form
14

15 cc: Mark McPherson, Chief, Land and Water Quality Division, County of San Diego,
16 Department of Environmental Health (w/o enclosures)